

PAT-NO: JP354160401A

DOCUMENT-IDENTIFIER: JP 54160401 A

TITLE: TWO-CYCLE ENGING OIL COMPOSITION

PUBN-DATE: December 19, 1979

INVENTOR-INFORMATION:

NAME

SUGIURA, KENSUKE

KAGAYA, MINEO

ASSIGNEE-INFORMATION:

NAME

NIPPON OIL CO LTD

COUNTRY

N/A

APPL-NO: JP53057383

APPL-DATE: May 15, 1978

INT-CL (IPC): C10M001/36, C10M001/18 , C10M001/28

US-CL-CURRENT: 508/291

ABSTRACT:

PURPOSE: To prepare a two-cycle engine oil composition having improved lubricating properties and miscibility with gasoline, emitting reduced amount of exhaust smoke and sligh formation of the tar in the muffler, by compounding a base oil with a specific solvent, ash-free dispersant and surface active

agent at a specific ratio.

CONSTITUTION: An oil composition comprising (A) 5~50 wt.% of a petroleum and/or synthetic hydrocarbon solvent having a boiling point of 150~300°C, (B) 94~49 wt.% of a polyolefin prepared by (co)-polymerizing 2~10C aliphatic monoolefins, and/or a mineral lubricating oil having a viscosity of 4~40 cSt at 100°C, (C) 0.5~15 wt.% of one or more ash-free dispersants, e.g. an alkenylsuccinimide, an alkenylsuccinate, and alkylbenzylamine, and (D) 0.005~15 wt.% of one or more surface active agents, e.g. a polyoxyethylene glycol monoalkyl ether, a polyoxyethylene-polyoxypropylene block copolymer, etc.

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